



PATENT
Customer No. 22,852
Attorney Docket No. 7810.0109-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
John Claude Husband et al.) Group Art Unit: Not yet assigned
)
Application No.: 10/608,558) Examiner: Not yet assigned
)
Filed: June 30, 2003)
)
For: PIGMENT PRODUCTS)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed within three months of the filing date of the above-referenced application.

Copies of the listed documents were previously submitted in a prior application, Application No. 09/647,720, filing date April 1, 1999, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

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The following is a statement regarding the non-English language documents:

1. EP 0 001 066 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
2. EP 0 132 228 - This document is believed to be a foreign language counterpart to U.S. Patent No. 4,546,126, submitted in the parent application.
3. EP 0 160 777 - This document is believed to be a foreign language counterpart to U.S. Patent No. 4,584,333, submitted in the parent application.
4. EP 0 222 138 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
5. EP 0 222 298 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
6. EP 0 588 239 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
7. EP 0 589 461 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
8. FR 2 150 953 - This document is believed to be a foreign language counterpart to U.S. Patent Nos. 4,176,148 and 4,359,497, submitted in the parent application.
9. FR 2 273 040 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.
10. FR 2 359 874 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

11. FR 2 389 645 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

12. FR 2 452 511 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

13. FR 2 558 168 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

14. FR 2 774 689 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

15. DE 22 41 577 - This document is believed to be a foreign language counterpart to U.S. Patent Nos. 4,176,148 and 4,359,497, submitted in the parent application.

16. DE 24 49 656 - This document is believed to be a foreign language counterpart to U.S. Patent No. 4,251,576, submitted in the parent application.

17. DE 26 58 814 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

18. DE 27 39 620 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

19. DE 28 18 954 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

20. DE 30 12 235 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

21. DE 30 47 269 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

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22. DE 35 36 371 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

23. DE 35 40 524 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

24. DE 36 32 606 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

25. DE 37 50 864 - An abstract of the disclosure of this document is believed to be found in EP 0 262 649, submitted in the parent application.

26. DE 38 84 605 - An abstract of the disclosure of this document is believed to be found in WO 88/05804, submitted in the parent application.

27. DE 42 13 746 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

28. DE 43 01 730 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

29. DE 100 10 941 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

30. JP 02-018362 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

31. JP 02-034653 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

32. JP 02-045551 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

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33. JP 04-122752 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

34. JP 05-262974 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

35. JP 06-016918 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

36. JP 06-065490 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

37. JP 06-145442 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

38. JP 06-502684 - This document is believed to be a foreign language counterpart to U.S. Patent No. 5,294,654, submitted in the parent application.

39. JP 07-502068 - This document is believed to be a foreign language counterpart to U.S. Patent No. 6,031,036, submitted in the parent application.

40. JP 08-022945 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

41. JP 10-114854 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

42. JP 51-005383 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

43. JP 53-016063 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

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44. JP 54-010394 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

45. JP 54-047751 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

46. JP 55-131024 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

47. JP 59-074152 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

48. JP 60-023448 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

49. JP 60-038455 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

50. JP 60-084364 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

51. JP 60-161443 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

52. JP 60-235858 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

53. JP 62-232452 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

54. JP 62-116667 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

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55. JP 63-132964 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

56. JP 63-175047 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

57. JP 2000-345032 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

58. JP 2001-098149 - An abstract of the disclosure of this document can be found in the English language Abstract, submitted in the parent application.

59. WO 99/41309 - An English language abstract of this foreign language document can be found on the title page of this document.

WO 01/66635 - An English language abstract of this foreign language document can be found on the title page of this document.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

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If there is any fee due in connection with the filing of this Statement, please
charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
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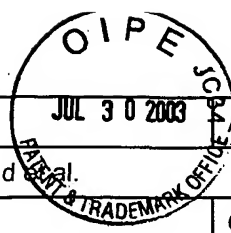
Dated: July 30, 2003

By: 

Brian M. Burn
Reg. No. 44,455

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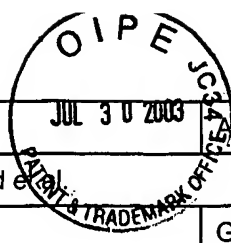
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Atty. Docket No.	07810.0109-01000	Appln. No.	10/608,558
Applicant	John Claude Husband et al.		
Filing Date	June 30, 2003	Group:	Not yet assigned

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	2,158,987	5/1939	Maloney			
	3,034,859	5/1962	Gunn et al.			
	3,171,718	3/1965	Gunn et al.			
	3,526,768	9/1970	Rai et al.			
	3,615,806	10/1971	Torock et al.			
	3,635,662	1/1972	Lyons			
	3,798,044	3/1974	Whitley et al.			
	4,234,469	11/1980	Ohta et al.			
	4,125,411	11/1978	Lyons			
	4,176,148	11/1979	Magder et al.			
	4,183,991	1/1980	Smiley et al.			
	4,198,333	4/1980	von Bonin et al.			
	4,221,697	9/1980	Osborn et al.			
	4,225,496	9/1980	Columbus et al.			
	4,227,920	10/1980	Chapman et al.			
	4,233,199	11/1980	Abolins et al.			
	4,234,469	11/1980	Ohta et al.			
	4,241,142	12/1980	Kaliski et al.			
	4,243,574	1/1981	Manwiller			
	4,250,077	2/1981	van Bonin et al.			
	4,251,576	2/1981	Osborn et al.			
	4,298,711	11/1981	Moulson et al.			
	4,311,635	1/1982	Pearson			
	4,359,497	11/1982	Magder et al.			
	4,381,948	5/1983	McConnell et al.			
	4,409,344	10/1983	Moulson et al.			
	4,414,352	11/1983	Cohen et al.			
	4,427,450	1/1984	Kostansek			
	4,467,057	8/1984	Dieck et al.			

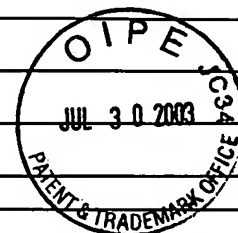


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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,543,287	9/1985	Briggs et al.			
	4,546,126	10/1985	Breitenfellner et al.			
	4,582,866	4/1986	Shain			
	4,584,333	4/1986	Prigent et al.			
	4,708,975	11/1987	Shain			
	4,795,776	1/1989	Milner			
	4,820,761	4/1989	Saito et al.			
	4,873,116	10/1989	Ancker			
	4,888,315	12/1989	Bowman et al.			
	4,889,886	12/1989	Wada et al.			
	4,918,127	4/1990	Adur et al.			
	4,943,324	7/1990	Bundy et al.			
	4,966,638	10/1990	Mudgett			
	4,981,521	1/1991	Bettacchi et al.			
	5,085,707	2/1992	Bundy et al.			
	5,112,782	5/1992	Brown et al.			
	5,128,606	7/1992	Gate et al.			
	5,167,707	12/1992	Freeman et al.			
	5,168,083	12/1992	Matthews et al.			
	5,169,443	12/1992	Willis et al.			
	5,294,654	3/1994	Hellstern-Burnell et al.			
	5,332,493	7/1994	Ginn et al.			
	5,364,899	11/1994	Watanabe et al.			
	5,411,587	5/1995	Willis et al.			
	5,416,151	5/1995	Tanaka			
	5,439,558	8/1995	Bergmann et al.			
	5,516,829	5/1996	Davis et al.			
	5,522,924	6/1996	Smith et al.			
	5,454,865	10/1995	Ginn et al.			

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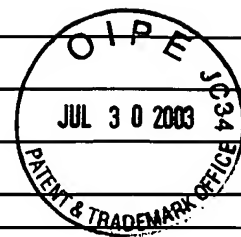
U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	5,573,946	11/1996	Haxell et al.			
	5,578,659	11/1996	Anada et al.			
	5,624,488	4/1997	Forbus et al.			
	5,645,635	7/1997	Behl et al.			
	5,685,900	11/1997	Yuan et al.			
	5,707,912	1/1998	Lowe et al.			
	5,735,946	4/1998	Bloodworth et al.			
	5,749,958	5/1998	Behl et al.			
	5,810,998	9/1998	Arrington-Webb et al.			
	5,846,309	12/1998	Freeman et al.			
	5,879,512	3/1999	McGenity et al.			
	5,925,454	7/1999	Bekele			
	5,948,156	9/1999	Coutelle et al.			
	6,031,036	2/2000	Rosenquist et al.			
	6,149,723	11/2000	Pruett et al.			
	6,186,335	2/2001	Arrington-Webb et al.			
	6,262,161	7/2001	Betso et al.			
	6,312,511	11/2001	Bilimoria et al.			
	6,402,826	6/2002	Yuan et al.			
	Re37,385E	9/2001	Okada et al.			
	6,564,199	5/2003	Pruett et al.			
	6,537,363	3/2003	Golley et al.			
	6,554,892	4/2003	Manasso et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
0 001 066	4/1980	Europe			Abstract
0 026 075	4/1981	Europe			
0 054 424	6/1982	Europe			

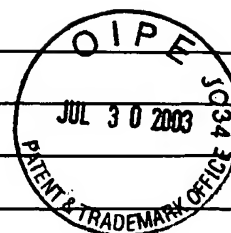
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FOREIGN PATENT DOCUMENTS

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	1 088 852	4/2001	Europe			
	0 132 094	1/1985	Europe			
	0 132 228	1/1985	Europe			No
	0 160 777	11/1985	Europe			No
	0 163 427	12/1985	Europe			
	0 217 626	4/1987	Europe			
	0 222 138	5/1987	Europe			Abstract
	0 222 298	5/1987	Europe			Abstract
	0 239 986	10/1987	Europe			
	0 245 553	11/1987	Europe			
	0 262 649	4/1988	Europe			
	0 274 888	7/1988	Europe			
	0 341 981	11/1989	Europe			
	0 352 714	1/1990	Europe			
	0 456 363	11/1991	Europe			
	0 475 434	3/1992	Europe			
	0 524 635	1/1993	Europe			
	0 528 078	2/1993	Europe			
	0 586 904	3/1994	Europe			
	0 588 239	3/1994	Europe			Abstract
	0 589 461	3/1994	Europe			Abstract
	0 596 442	5/1994	Europe			
	0 691 375	1/1996	Europe			
	0 824 130	2/1998	Europe			
	1 088 852	4/2001	Europe			
	2 150 953	4/1973	France			No
	2 273 040	12/1975	France			Abstract
	2 359 874	2/1978	France			Abstract
	2 389 645	12/1978	France			Abstract

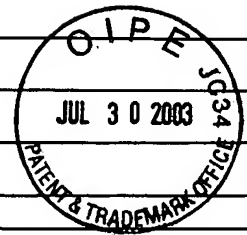
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	2 452 511	10/1980	France			Abstract
	2 558 168	7/1985	France			Abstract
	2 774 689	8/1999	France			Abstract
	2 241 577	3/1973	Germany			No
	24 49 656	12/1975	Germany			No
	26 58 814	2/1978	Germany			Abstract
	27 39 620	3/1979	Germany			Abstract
	28 18 954	11/1978	Germany			Abstract
	30 12 235	10/1980	Germany			Abstract
	30 47 269	7/1982	Germany			Abstract
	35 36 371	5/1987	Germany			Abstract
	35 40 524	5/1987	Germany			Abstract
	36 32 606	4/1987	Germany			Abstract
	37 50 864	4/1988	Germany			No
	38 84 605	8/1988	Germany			No
	42 13 746	10/1993	Germany			Abstract
	43 01 730	7/1993	Germany			Abstract
	100 10 941	9/2001	Germany			Abstract
	1,032,536	6/1966	Great Britain			
	1,118,723	7/1968	Great Britain			
	1,375,057	11/1974	Great Britain			
	1,469,028	3/1977	Great Britain			
	1,493,393	11/1977	Great Britain			
	1,513,657	6/1978	Great Britain			
	1,597,213	9/1981	Great Britain			
	2,223,758	4/1990	Great Britain			
	2,240,398	7/1991	Great Britain			
	2,310,215	8/1997	Great Britain			
	02-018362	1/1990	Japan			Abstract

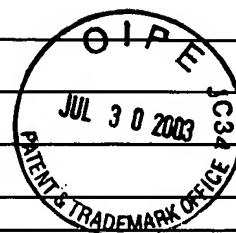
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FOREIGN PATENT DOCUMENTS

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	02034653	2/1990	Japan			Abstract
	02045551	2/1990	Japan			Abstract
	04122752	4/1992	Japan			Abstract
	05262974	10/1993	Japan			Abstract
	06016918	1/1994	Japan			Abstract
	06065490	3/1994	Japan			Abstract
	06145442	5/1994	Japan			Abstract
	06502684	3/1994	Japan			No
	07502068	3/1995	Japan			No
	08022945	1/1996	Japan			Abstract
	10114854	5/1998	Japan			Abstract
	51005383	1/1976	Japan			Abstract
	53016063	2/1978	Japan			Abstract
	54010394	1/1979	Japan			Abstract
	54047751	4/1979	Japan			Abstract
	55131024	10/1980	Japan			Abstract
	59074152	4/1984	Japan			Abstract
	60023448	2/1985	Japan			Abstract
	60038455	2/1985	Japan			Abstract
	60084364	5/1985	Japan			Abstract
	60161443	8/1985	Japan			Abstract
	60235858	11/1985	Japan			Abstract
	62232452	10/1987	Japan			Abstract
	62116667	5/1987	Japan			Abstract
	63132964	6/1988	Japan			Abstract
	63175047	7/1988	Japan			Abstract
	2000345032	12/2000	Japan			Abstract
	2001098149	4/2001	Japan			Abstract
	WO 00/05311	2/2000	WIPO			

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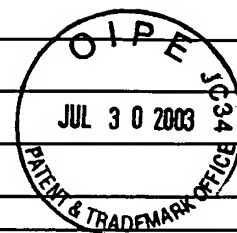
FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	WO 00/59840	10/2000	WIPO			
	WO 00/59841	10/2000	WIPO			
	WO 00/66657	11/2000	WIPO			
	WO 01/12708	2/2001	WIPO			
	WO 01/46307	6/2001	WIPO			
	WO 01/66627	9/2001	WIPO			
	WO 01/66635	9/2001	WIPO			No
	WO 80/01167	6/1980	WIPO			
	WO 80/02430	11/1980	WIPO			
	WO 88/05804	8/1988	WIPO			
	WO 90/11605	10/1990	WIPO			
	WO 93/04119	3/1993	WIPO			
	WO 94/07956	4/1994	WIPO			
	WO 97/32934	9/1997	WIPO			
	WO 97/34956	9/1997	WIPO			
	WO 9837152	8/1998	WIPO			
	WO 98/56860	12/1998	WIPO			
	WO 98/58613	12/1998	WIPO			
	WO 99/41309	8/1999	WIPO			No
	WO 99/51815	10/1999	WIPO			
	WO 99/58613	11/1999	WIPO			
	WO 00/59841	10/2000	WIPO			
	WO 02/16509	2/2002	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Brochure: "Kaopaques Delaminated Aluminum Silicates for Paint Systems," Georgia Kaolin Co., 433 N. Broad Street, Elizabeth, NJ 07207, October 1975.
	Burgess, Malcolm, "Kaolin, a Glaciers Gift to Georgia," 1985.
	Clay Minerals Society Homepage, http://cms/lanl.gov/instruct.html , "Instructions for Authors, Clays and Clay Minerals," <i>Instructions for Authors</i> , p. 4 of 5.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Jepson, W. P., "Kaolins, their properties and uses," <i>Phil. Trans. R. Soc. Lond.</i> , A311, 411-432, 1984.
	Swan, A., "Realistic paper tests for various printing processes," <i>Printing Technology</i> , 13(1), 9-22, April, 1969.
	Abstract, Japanese Patent No. 08012886A, publication date January 1996
	Abstract, German Patent No. 3679147
	Abstract, German Patent No. 3689760
	Abstract, German Patent No. 3565272
	Abstract, German Patent No. 3466547
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	Co-pending Application No. 10/277,285 Filed: August 26, 2002 Attorney Docket No. 07810.0070-01
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Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
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